Approved For Re

2000/04/18 : CIA-RDP81B00

R000100050001-7

4335

2019Z 01 DEC 59

DB Clob

DIRECTOR

25X1A

DPD (1,2,3,4,5,6,7,8,9,10)

S/C (11)

PAH

TOR: 2050Z 01 DEC 59

25X1A

REF: TELEPHONE CONVERSATION 24 NOV 59

ATTN: 25X1A

1. IN REPLY TO PEF:

A. C-13ØB PERFORMANCE TEST - HAS 1Ø HRS FLYING TO COMPLETE.

TEST ACFT RECENTLY DAMAGED IN LANDING ACCIDENT AND UNDERGOING 25X1A

REPAIR. LEFT TO DO: RANGE MISSION. ADVISES

FLYING WILL BE FINISHED IN MID DEC., ROUGH DRAFT WILL BE AVAILABLE BY END OF JAN. 6Ø. FINISHED REPORT END MARCH. PRELIMINARY DATA

CAN BE SECURED AS NEEDED.

B. HELIO REPORT - ROUGH DRAFT UNDERGOING COORDINATION,
EDITING AND TECHNICAL REVIEW. ESTIMATED AVAILABLE END DEC. WORKING
DRAFT COPY COULD BE MADE AVAILABLE SOONER IF YOU NEED IT.

C. CHAIN OF COMMAND FOR SEGURING TEST PILOTS AND ENGINEERS
DIRECTLY TO ATTN: RDY WITH REQUIREMENT.

AGREED PER RECENT CONVERSATION OF

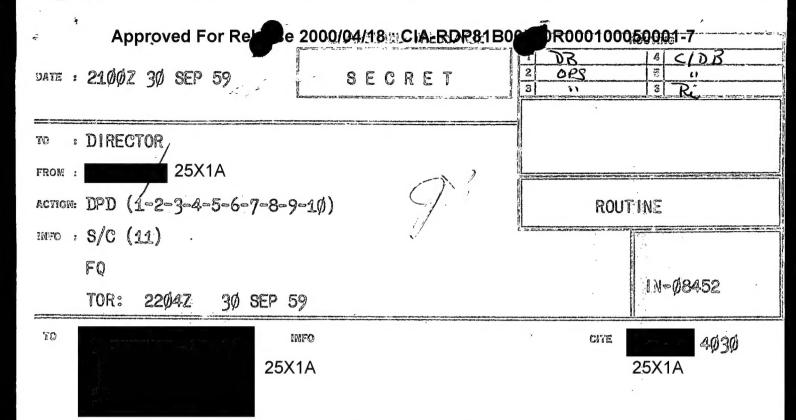
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END OF MESSAGE DOCUMENT NO. / NO CHANGE IN CLASS.

D DECLASSIFIED
OT ASS. CHANGED TO:

OT AGB. OHANGED TO: 18 8 C

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25X1A FOLLOWING IS C-130Z RANGE INFORMATION: DATA PREPARED BY

TO OBTAIN RANGE OF 3,500 NAUTICAL MILES FOR A GROSS WEIGHT OF 124,200 POUNDS AT ENGINE START WOULD REQUIRE 11,100 LBS OF ADDITIONAL FUEL (1,720 GALS AT 6.5 LBS/GAL). FUEL ALLOWANCES ARE MADE FOR START, TAXI AND ACCELERATE TO CLIMB SPEED AND 3,500 LBS OF FUEL RESERVE OVER DESTINATION, MISSION IS CONDUCTED AT CONSTANT ALTITUDE OF 28,000 FEET AT BEST CRUISE SPEEDS. PAYLOAD WOULD BE APPROXIMATELY 16,000 POUNDS.

B. TO CARRY A 20,000 LB PAYLOAD, 3,500 NAUTICAL MILES WOULD REQUIRE 12,800 LBS OF ADDITIONAL FUEL (1970 GALS AT 6.5 LB/GAL). CONSTANT CRUISE ALTITUDE WOULD BE 26,000 FEET AND ENGINE START GROSS WEIGHT 130,000 LBS.

C. GALCULATIONS DO NOT INCLUDE ANY CONSERVATISM. AN INSTALLATION WEIGHT OF 2,600 LBS FOR 2 1.000 GALLON FUEL TANKS DOCUMENT NO.

SECRET

NO CHANGE IN CLASS.

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25X1A

SECRET

4Ø3Ø (IN-Ø8452)

PAGE TWO

(B-52 DROP TANKS) HAS BEEN ADDED TO BASIC OPERATING WEIGHT.

END OF MESSAGE

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2151Z 28 SEPT 59

SECRET

7 X

DIRECTOR

25X1A

IPD (1,2,3,4,5,6,7,8,9,10)

S/C (11)

M

TOR: 2237Z 28 SEPT 59

IN 08277

25X1A

FOR

25X1A

- 1. CONFIRMING TELECON, 3500, N. MI. RANGE ON C-130A REQUIRES 5 BENEON TANKS, PART NR A-1125-500 GAL MOUNTED IN FAIRCHILD CRADLES PART NR 110-680042. OUR UNDERSTANDING THESE PARTS IN NAVY STOCK AT CHERRY POINT. TO TAL VOLUME OF TANK INSTALLATION APPROX 360 GU FT.
- 2. FULL FUEL LOAD PERMITS 14000 POUNDS CARGO TO STAY INSIDE MAX ALTERNATE GROSS WEIGHT. GARRYING 20000 POUNDS CARGO POSSIBLE AND PRACTICAL AT SLIGHTLY REDUCED LOAD FACTORS.

END) OF MESSAGE

DOCUMENT NO NO CHANGE IN CLASS.

DECLASSIFIED
CLASS. CHANGED TO: TS S C 26/1
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: DOCUMENT NO PREVIEWER: D10956

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DB ca/DE

21202 23 SEPT 59 SEGRET ACTORD OPA

DIRECTOR 25X1A

PD (1,2,3,4,5,6,7,3,9,10)

RR

17:5L

TOR: 21.49% 23 SEPT 59

25X1A

ATTW: 25X1A

25X1A REF PHONE GALL TO LEGAL SEP 59.

NOT AMAILABLE AND IS BEING WORKED UP BY FLIGHT TEST ENGINEERING.

CHECKED 29 SEPT 59 BUT COULD NOT UET FIRM COMPLETION DATE. IF

URGENT, PLS ADVISE AND WETLL PUSH, OTHERWISE COMPLETION SOMETIME

NEXT WEEK. AFFTC USED 8-52 DROP TANK ON THEIR TEST AND MAKE

LASTED UP INSTALLATION IN CABIN. NO REGULAR C-130 FUSELAGE TANKO

AVAILABLE. ENGINEERS ARE COMPUTING EXTENSION DASED ON VARIOUS

CASIN FUEL LOADS FOR YOU. TANK INSTALLATION BOULD BE ANOTHER

PROSLEM.

END OF MESSAGE

DOCUMENTION

HE COMMOND COARD.

17 DECLASSINED

CHASS. CHARGED TO: TS S C

NORTH REMEW DATE:

AUTH: HR 70.2.

DATE OF THE PROPERTY OF THE PROP

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